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COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

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WEEKLY REPORT

Week Ending June 25, 1966

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

JUL 1966

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CURRENT TRENDS – MEASLES

During the 4-week period ending June 18, 1966, a total of 22,952 cases of measles was reported. This constitutes a decrease of 6,035 cases from the total reported during the same 4-week period in 1965 and a decrease of 8,908 cases from the total notified in the preceding 4-week period in 1966.

The total number of measles cases reported during the first 24 weeks of 1966 was 172,616, which is 47,858 less than the total of the comparable period in 1965 (Figure 1). In the past 20 years the only years in which less than 200,000 cases of measles were reported for the first 24 weeks are 1947 and 1966.

While most regions of the country experienced in 1966 the lowest incidence of reported measles in 5 years, the Middle Atlantic, East North Central and East South Central regions reported more cases of measles in the first 24 weeks of 1966 than in 1965 (Table 1). New York City in the Middle Atlantic Region, Indiana, Illinois and Wisconsin in the East North Central Region, and Kentucky and Tennessee in the East South Central Region accounted for the majority of increases reported from their respective regions (Table 2).

(Reported by the Childhood Virus Disease Unit, Epidemiology Branch, CDC.)

(Continued on page 210)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	25th WEEK ENDED		MEDIAN 1961–1965	CUMULATIVE, FIRST 25 WEEKS		
	June 25, 1966	June 26, 1965		1966	1965	MEDIAN 1961–1965
Aseptic meningitis	46	37	32	722	711	667
Brucellosis	4	7	8	94	113	186
Diphtheria	4	–	4	76	79	136
Encephalitis, primary:						
Arthropod-borne & unspecified	33	34	- - -	620	744	- - -
Encephalitis, post-infectious	15	21	- - -	427	407	- - -
Hepatitis, serum	23	558	672	621	17,714	23,015
Hepatitis, infectious	540			16,447		
Measles (rubeola)	3,225	3,999	9,541	175,841	224,467	351,439
Poliomyelitis, Total (including unspecified)	1	1	9	9	19	77
Paralytic	1	1	6	8	17	68
Nonparalytic	–	–	- - -	–	2	- - -
Meningococcal infections, Total	59	53	49	2,290	1,921	1,412
Civilian	57	50	- - -	2,036	1,756	- - -
Military	2	3	- - -	254	165	- - -
Rubella (German measles)	775	- - -	- - -	37,788	- - -	- - -
Streptococcal sore throat & Scarlet fever	6,594	5,029	4,401	259,306	239,869	210,642
Tetanus	1	7	- - -	66	108	- - -
Tularemia	2	5	- - -	66	114	- - -
Typhoid fever	13	6	10	146	177	177
Typhus, tick-borne (Rky. Mt. Spotted fever)	16	20	- - -	70	69	- - -
Rabies in Animals	89	75	87	2,171	2,396	2,084

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax	3	Botulism	3
Leptospirosis: Hawaii-1, Iowa-2, Ky.-1	28	Trichinosis: N.J.-1, Mich.-1, Calif.-1	47
Malaria: N.Y. Upstate-1, Pa.-6, Ohio-1, Okla.-1	139	Rabies in Man	1
Psittacosis: Wis.-1, Fla.-1	22	Rubella, Congenital Syndrome	18
Typhus, murine	11		

MEASLES *(Continued from front page)*

Figure 1

MEASLES REPORTED BY FOUR-WEEK PERIODS – UNITED STATES
EPIDEMIOLOGIC YEARS, 1964-1965 AND 1965-1066 COMPARED WITH 10-YEAR PERIOD, 1954-1963

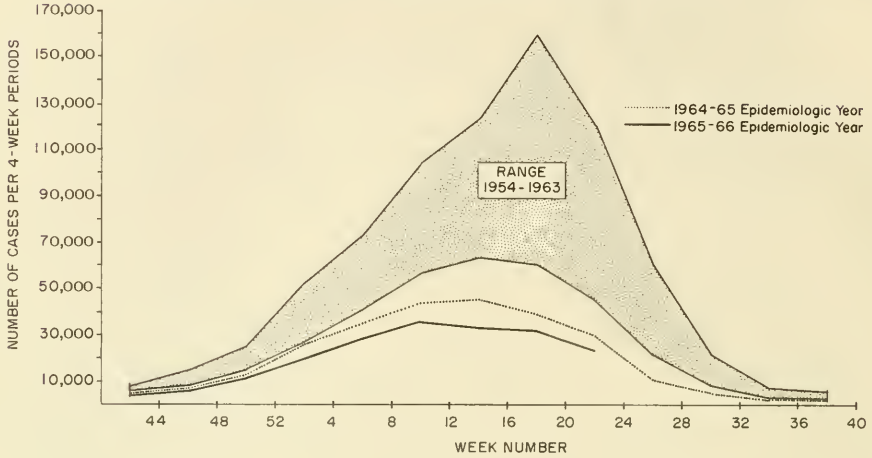


Table 1

Reported Cases of Measles by Geographic Division
Weeks 1-24, 1961-66

Geographic Division	1966*	1965	1964
New England	2,051	35,644	14,073
Middle Atlantic	17,133	12,374	47,641
East North Central	63,007	48,405	92,992
West North Central	8,176	15,894	27,995
South Atlantic	13,469	22,767	35,785
East South Central	18,291	12,833	63,709
West South Central	21,827	29,110	67,861
Mountain	10,594	17,890	16,011
Pacific	18,068	25,551	56,573
Total	172,616	220,468	422,640

	1963	1962	1961
New England	12,577	51,228	31,785
Middle Atlantic	33,555	76,973	67,806
East North Central	135,658	54,564	95,338
West North Central	18,596	14,241	12,614
South Atlantic	28,531	25,225	36,065
East South Central	15,917	32,825	25,060
West South Central	18,643	66,246	13,645
Mountain	24,882	22,504	14,865
Pacific	30,866	55,551	43,295
Total	319,225	399,357	340,473

*Preliminary figures.

Table 2
Reported Cases of Measles, Weeks 1-24, 1965-66
By Area

MIDDLE ATLANTIC

State	1966	1965
New Jersey	1,826	2,041
New York City	8,045	1,594
New York Up-state	2,056	3,453
Pennsylvania	5,206	5,286
Total	17,133	12,374

EAST NORTH CENTRAL

State	1966	1965
Indiana	5,140	1,602
Illinois	10,953	2,194
Michigan	12,014	24,087
Ohio	6,011	8,363
Wisconsin	28,889	12,159
Total	63,007	48,405

EAST SOUTH CENTRAL

State	1966	1965
Alabama	1,559	2,175
Kentucky	4,509	2,288
Mississippi	910	1,033
Tennessee	11,313	7,337
Total	18,291	12,833

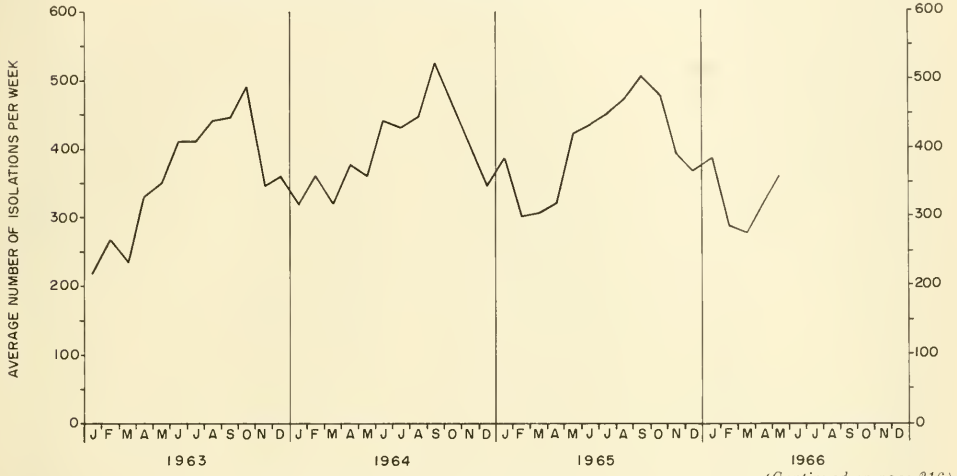
SALMONELLOSIS – April 1966

During April 1966 there were 1,266 recoveries of salmonellae from human sources and 436 isolations from nonhuman sources; the comparable figures for March were 1,374 and 754, respectively. Although the total number of isolations from human sources for the first 4 months of 1966 is 5,320, which is 205 less than the total reported for the same period in 1965, the numbers generally correspond to the expected seasonal pattern (Figure 2).

Among the human salmonellae isolations there were 64 different serotypes, seven of which accounted for 66 percent of the 1,266 isolations reported (Table 3). The age and sex distribution of persons with salmonellae is compatible with past experience.

The unusually large numbers of isolations of *Salmonella infantis* which were reported during the last week of February and the first 2 weeks of March remained high

Figure 2
REPORTED HUMAN ISOLATIONS OF SALMONELLA IN THE UNITED STATES


AVERAGE NUMBER OF ISOLATIONS PER WEEK
600
500
400
300
200
100
0
J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D
1963
1964
1965
1966

(Continued on page 216)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS – MAY 1966 AND MAY 1965

CASES OF PRIMARY AND SECONDARY SYPHILIS: Reporting Areas May 1966 and May 1965 - Provisional Data

Reporting Area	MAY		Cumulative JAN - MAY	
	1966	1965	1966	1965
NEW ENGLAND	42	39	206	195
Maine	1	-	4	2
New Hampshire	1	7	5	13
Vermont	-	1	1	1
Massachusetts	28	21	138	117
Rhode Island	4	1	15	9
Connecticut	8	9	43	53
MIDDLE ATLANTIC	310	381	1,766	1,933
Upstate New York	23	36	165	208
New York City	190	231	1,124	1,167
Pa. (Excl. Phila.)	12	8	88	71
Philadelphia	22	23	109	110
New Jersey	63	83	280	377
EAST NORTH CENTRAL	280	208	1,296	1,241
Ohio	46	45	243	258
Indiana	14	5	36	25
Downstate Illinois	15	14	85	101
Chicago	87	83	426	508
Michigan	106	53	456	318
Wisconsin	12	8	50	31
WEST NORTH CENTRAL	30	52	186	214
Minnesota	4	12	11	42
Iowa	6	3	28	10
Missouri	11	25	84	108
North Dakota	-	1	4	1
South Dakota	3	4	22	23
Nebraska	4	6	18	24
Kansas	2	1	19	6
SOUTH ATLANTIC	515	560	2,655	2,803
Delaware	5	2	15	25
Maryland	41	29	221	163
District of Columbia	38	48	189	210
Virginia	21	16	124	129
West Virginia	4	9	25	28
North Carolina	75	87	405	429
South Carolina	89	79	402	353
Georgia	77	74	445	443
Florida	165	216	829	1,023
EAST SOUTH CENTRAL	177	240	943	1,085
Kentucky	11	12	52	62
Tennessee	15	48	117	246
Alabama	109	125	508	554
Mississippi	42	55	266	223
WEST SOUTH CENTRAL	228	212	1,084	935
Arkansas	3	20	66	102
Louisiana	58	67	273	274
Oklahoma	7	12	60	61
Texas	160	113	685	518
MOUNTAIN	38	46	165	247
Montana	2	2	18	8
Idaho	-	-	1	1
Wyoming	-	2	-	2
Colorado	5	4	22	14
New Mexico	6	10	33	50
Arizona	20	22	78	135
Utah	-	-	4	8
Nevada	5	6	9	29
PACIFIC	96	162	761	839
Washington	-	4	17	37
Oregon	2	4	20	16
California	93	150	713	772
Alaska	1	1	3	4
Hawaii	-	3	8	10
U. S. TOTAL	1,716	1,900	9,062	9,512
TERRITORIES	81	59	407	321
Puerto Rico	78	57	397	318
Virgin Islands	3	2	10	3

Note: Cumulative Totals include revised and delayed reports through previous months.

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 25, 1966 AND JUNE 26, 1965 (25th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	ENCEPHALITIS			DIPHTHERIA		HEPATITIS		
				Primary including unsp. cases		Post-Infectious			Serum	Infectious	Both Types
	1966	1965	1966	1966	1965	1966	1966	1965	1966	1966	1965
UNITED STATES...	46	37	4	33	34	15	4	-	23	540	558
NEW ENGLAND.....	-	1	-	-	2	1	-	-	2	19	47
Maine.....	-	-	-	-	-	-	-	-	-	3	6
New Hampshire.....	-	-	-	-	-	-	-	-	-	1	2
Vermont.....	-	-	-	-	-	-	-	-	-	-	16
Massachusetts.....	-	1	-	-	1	1	-	-	-	9	14
Rhode Island.....	-	-	-	-	-	-	-	-	1	1	5
Connecticut.....	-	-	-	-	1	-	-	-	1	5	4
MIDDLE ATLANTIC.....	5	3	-	10	10	4	-	-	10	109	102
New York City.....	1	3	-	4	-	-	-	-	6	23	20
New York, Up-State.	-	-	-	2	1	3	-	-	-	30	31
New Jersey.....	-	-	-	2	5	-	-	-	3	20	18
Pennsylvania.....	4	-	-	2	4	1	-	-	1	36	33
EAST NORTH CENTRAL...	3	3	-	3	9	2	-	-	-	75	111
Ohio.....	-	1	-	-	3	-	-	-	-	23	28
Indiana.....	1	-	-	-	3	-	-	-	-	8	4
Illinois.....	-	1	-	1	3	-	-	-	-	12	16
Michigan.....	1	1	-	1	-	2	-	-	-	27	59
Wisconsin.....	1	-	-	1	-	-	-	-	-	5	4
WEST NORTH CENTRAL...	-	3	-	4	1	1	-	-	1	41	26
Minnesota.....	-	2	-	4	-	1	-	-	-	6	2
Iowa.....	-	-	-	-	-	-	-	-	-	9	8
Missouri.....	-	-	-	-	1	-	-	-	1	25	4
North Dakota.....	-	1	-	-	-	-	-	-	-	1	-
South Dakota.....	-	-	-	-	-	-	-	-	-	-	-
Nebraska.....	-	-	-	-	-	-	-	-	-	-	5
Kansas.....	-	-	-	-	-	-	-	-	-	-	7
SOUTH ATLANTIC.....	7	3	1	5	4	2	2	-	1	62	65
Delaware.....	-	-	-	-	-	-	-	-	-	3	1
Maryland.....	-	-	-	1	-	-	-	-	-	19	15
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	1	1	-	2	1	-	-	-	-	4	12
West Virginia.....	-	-	-	-	1	-	-	-	-	9	12
North Carolina.....	-	1	-	2	1	-	-	-	-	7	2
South Carolina.....	-	-	-	-	-	-	2	-	-	2	4
Georgia.....	-	-	1	-	-	-	-	-	-	6	3
Florida.....	6	1	-	-	1	2	-	-	1	12	16
EAST SOUTH CENTRAL...	3	-	1	-	1	-	-	-	1	34	20
Kentucky.....	1	-	1	-	-	-	-	-	-	11	5
Tennessee.....	-	-	-	-	-	-	-	-	-	9	5
Alabama.....	-	-	-	-	-	-	-	-	1	10	10
Mississippi.....	2	-	-	-	1	-	-	-	-	4	-
WEST SOUTH CENTRAL...	8	11	2	-	3	-	2	-	-	33	39
Arkansas.....	-	1	2	-	-	-	-	-	-	1	7
Louisiana.....	1	-	-	-	1	-	-	-	-	3	8
Oklahoma.....	-	-	-	-	-	-	-	-	-	4	1
Texas.....	7	10	-	-	2	-	2	-	-	25	23
MOUNTAIN.....	2	1	-	2	1	2	-	-	-	21	46
Montana.....	-	-	-	-	1	-	-	-	-	-	3
Idaho.....	-	-	-	-	-	-	-	-	-	2	1
Wyoming.....	-	-	-	-	-	-	-	-	-	3	1
Colorado.....	1	-	-	1	-	-	-	-	-	4	12
New Mexico.....	-	-	-	-	-	-	-	-	-	4	13
Arizona.....	-	1	-	-	-	-	-	-	-	3	9
Utah.....	1	-	-	1	-	2	-	-	-	5	6
Nevada.....	-	-	-	-	-	-	-	-	-	-	1
PACIFIC.....	18	12	-	9	3	3	-	-	8	146	102
Washington.....	-	-	-	-	-	-	-	-	-	5	8
Oregon.....	-	1	-	-	-	-	-	-	-	13	7
California.....	12	9	-	9	3	3	-	-	8	128	82
Alaska.....	-	-	-	-	-	-	-	-	-	-	5
Hawaii.....	6	2	-	-	-	-	-	-	-	-	-
Puerto Rico.....	-	-	-	-	-	-	-	-	-	32	33

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 25, 1966 AND JUNE 26, 1965 (25th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			POLIOMYELITIS				RUBELLA
		Cumulative			Cumulative		Total		Paralytic		
	1966	1966	1965	1966	1966	1965	1966	1965	1966	Cumulative 1966	1966
UNITED STATES...	3,225	175,841	224,467	59	2,290	1,921	1	1	1	8	775
NEW ENGLAND.....	45	2,096	35,994	2	105	95	-	-	-	-	159
Maine.....	-	189	2,690	-	8	11	-	-	-	-	6
New Hampshire.....	10	60	376	1	9	5	-	-	-	-	-
Vermont.....	1	218	1,132	-	3	2	-	-	-	-	2
Massachusetts.....	17	733	19,002	1	42	32	-	-	-	-	81
Rhode Island.....	-	72	3,825	-	12	14	-	-	-	-	4
Connecticut.....	17	824	8,969	-	31	31	-	-	-	-	66
MIDDLE ATLANTIC.....	181	17,314	12,861	4	260	258	-	-	-	-	75
New York City.....	33	8,078	1,740	-	36	44	-	-	-	-	20
New York, Up-State.	63	2,119	3,603	1	75	65	-	-	-	-	53
New Jersey.....	20	1,846	2,149	2	73	73	-	-	-	-	-
Pennsylvania.....	65	5,271	5,369	1	76	76	-	-	-	-	2
EAST NORTH CENTRAL...	1,013	64,020	49,822	12	361	250	-	-	-	-	177
Ohio.....	60	6,071	8,442	-	97	67	-	-	-	-	12
Indiana.....	97	5,237	1,634	3	63	35	-	-	-	-	18
Illinois.....	50	11,003	2,253	6	70	65	-	-	-	-	21
Michigan.....	383	12,397	24,632	3	97	54	-	-	-	-	44
Wisconsin.....	423	29,312	12,861	-	34	29	-	-	-	-	82
WEST NORTH CENTRAL...	135	8,311	15,978	4	128	103	-	-	-	1	11
Minnesota.....	7	1,613	610	1	31	20	-	-	-	1	-
Iowa.....	115	5,115	8,868	2	18	6	-	-	-	-	10
Missouri.....	3	506	2,474	1	51	47	-	-	-	-	-
North Dakota.....	10	964	3,468	-	7	7	-	-	-	-	-
South Dakota.....	-	38	109	-	4	2	-	-	-	-	-
Nebraska.....	-	75	449	-	8	10	-	-	-	-	1
Kansas.....	NN	NN	NN	-	9	11	-	-	-	-	-
SOUTH ATLANTIC.....	335	13,804	23,198	5	375	379	-	-	-	1	88
Delaware.....	4	237	491	-	4	5	-	-	-	-	-
Maryland.....	36	2,015	992	3	37	37	-	-	-	-	5
Dist. of Columbia..	2	371	57	-	9	6	-	-	-	-	1
Virginia.....	47	1,779	3,844	-	49	45	-	-	-	-	15
West Virginia.....	158	4,816	12,809	-	12	23	-	-	-	-	45
North Carolina.....	37	358	313	1	93	70	-	-	-	-	-
South Carolina.....	3	608	972	-	43	53	-	-	-	-	-
Georgia.....	2	230	596	-	55	51	-	-	-	1	-
Florida.....	46	3,390	3,124	1	73	89	-	-	-	-	22
EAST SOUTH CENTRAL...	245	18,536	13,050	9	202	147	-	-	-	1	149
Kentucky.....	15	4,524	2,309	3	77	62	-	-	-	-	81
Tennessee.....	211	11,524	7,459	5	66	45	-	-	-	-	67
Alabama.....	-	1,559	2,249	-	42	27	-	-	-	-	1
Mississippi.....	19	929	1,033	1	17	13	-	-	-	1	-
WEST SOUTH CENTRAL...	470	22,297	29,414	15	336	281	1	-	1	4	-
Arkansas.....	1	955	1,078	5	28	14	-	-	-	-	-
Louisiana.....	2	87	90	6	128	157	-	-	-	-	-
Oklahoma.....	7	457	196	1	18	17	-	-	-	1	-
Texas.....	460	20,798	28,050	3	162	93	1	-	1	3	-
MOUNTAIN.....	264	10,858	18,206	2	74	60	-	1	-	-	33
Montana.....	60	1,721	3,464	-	4	2	-	-	-	-	5
Idaho.....	41	1,320	2,519	-	5	7	-	-	-	-	-
Wyoming.....	-	129	822	1	5	4	-	-	-	-	-
Colorado.....	11	1,096	5,212	-	38	13	-	-	-	-	10
New Mexico.....	20	1,062	604	1	10	10	-	-	-	-	-
Arizona.....	62	5,027	1,069	-	8	16	-	1	-	-	16
Utah.....	67	464	4,324	-	-	6	-	-	-	-	2
Nevada.....	3	39	192	-	4	2	-	-	-	-	-
PACIFIC.....	537	18,605	25,944	6	449	348	-	-	-	1	83
Washington.....	46	3,324	7,145	-	35	27	-	-	-	1	19
Oregon.....	80	1,344	3,029	-	29	28	-	-	-	-	21
California.....	383	13,642	12,220	5	366	273	-	-	-	-	34
Alaska.....	24	189	133	-	15	13	-	-	-	-	2
Hawaii.....	4	106	3,417	1	4	7	-	-	-	-	7
Puerto Rico.....	85	2,222	1,966	-	7	4	-	-	-	-	-

CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES
FOR WEEKS ENDED
JUNE 25, 1966 AND JUNE 26, 1965 (25th WEEK) - CONTINUED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966	1966	Cum. 1966
UNITED STATES...	6,594	1	66	2	66	13	146	16	70	89	2,171
NEW ENGLAND.....	987	-	2	-	1	-	3	1	1	2	43
Maine.....	54	-	-	-	-	-	-	-	-	2	15
New Hampshire.....	15	-	-	-	-	-	-	-	-	-	12
Vermont.....	-	-	-	-	-	-	-	-	-	-	15
Massachusetts.....	164	-	2	-	1	-	-	1	1	-	1
Rhode Island.....	56	-	-	-	-	-	-	-	-	-	-
Connecticut.....	698	-	-	-	-	-	3	-	-	-	-
MIDDLE ATLANTIC.....	289	-	9	-	-	4	31	7	17	8	146
New York City.....	10	-	3	-	-	-	14	-	-	-	-
New York, Up-State.	258	-	1	-	-	1	5	2	7	7	138
New Jersey.....	NN	-	1	-	-	-	6	3	7	-	-
Pennsylvania.....	21	-	4	-	-	3	6	2	3	1	8
EAST NORTH CENTRAL...	1,567	1	7	-	12	1	23	-	4	10	302
Ohio.....	50	1	3	-	3	-	9	-	3	3	157
Indiana.....	47	-	1	-	3	-	1	-	-	5	70
Illinois.....	149	-	1	-	5	-	3	-	1	2	27
Michigan.....	150	-	2	-	-	1	4	-	-	-	23
Wisconsin.....	1,171	-	-	-	1	-	6	-	-	-	25
WEST NORTH CENTRAL...	196	-	5	1	5	-	13	-	1	13	471
Minnesota.....	4	-	1	-	-	-	-	-	-	3	110
Iowa.....	80	-	1	-	-	-	4	-	-	2	102
Missouri.....	15	-	3	1	2	-	5	-	-	2	157
North Dakota.....	61	-	-	-	-	-	1	-	-	1	8
South Dakota.....	5	-	-	-	-	-	-	-	-	3	49
Nebraska.....	3	-	-	-	1	-	1	-	-	-	10
Kansas.....	28	-	-	-	2	-	2	-	1	2	35
SOUTH ATLANTIC.....	809	-	17	-	7	3	29	7	34	14	282
Delaware.....	39	-	-	-	-	-	-	-	-	-	-
Maryland.....	221	-	-	-	-	-	6	3	11	-	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	219	-	2	-	2	1	9	2	9	9	171
West Virginia.....	169	-	-	-	1	-	1	-	-	1	37
North Carolina.....	13	-	1	-	2	1	3	-	10	-	1
South Carolina.....	11	-	1	-	1	-	5	-	1	-	-
Georgia.....	5	-	6	-	1	-	1	2	3	4	43
Florida.....	132	-	7	-	-	1	4	-	-	-	30
EAST SOUTH CENTRAL...	845	-	3	-	15	2	15	1	7	9	287
Kentucky.....	58	-	1	-	2	-	2	1	1	3	48
Tennessee.....	688	-	-	-	9	1	6	-	6	6	224
Alabama.....	75	-	2	-	4	1	5	-	-	-	12
Mississippi.....	24	-	-	-	-	-	2	-	-	-	3
WEST SOUTH CENTRAL...	555	-	14	-	20	-	12	-	5	21	463
Arkansas.....	1	-	2	-	15	-	1	-	1	4	50
Louisiana.....	-	-	3	-	2	-	4	-	-	-	21
Oklahoma.....	20	-	1	-	2	-	3	-	4	3	124
Texas.....	534	-	8	-	1	-	4	-	-	14	268
MOUNTAIN.....	752	-	1	-	4	1	8	-	1	2	42
Montana.....	11	-	-	-	1	-	-	-	-	-	7
Idaho.....	54	-	-	-	-	-	-	-	-	-	-
Wyoming.....	27	-	-	-	-	-	-	-	-	-	-
Colorado.....	259	-	1	-	-	1	3	-	1	1	6
New Mexico.....	144	-	-	-	1	-	-	-	-	-	6
Arizona.....	72	-	-	-	1	-	1	-	-	-	21
Utah.....	185	-	-	-	1	-	3	-	-	-	-
Nevada.....	-	-	-	-	-	-	1	-	-	1	2
PACIFIC.....	594	-	8	1	2	2	12	-	-	10	135
Washington.....	70	-	-	-	-	-	1	-	-	-	1
Oregon.....	9	-	1	-	-	-	1	-	-	-	-
California.....	459	-	7	1	2	2	8	-	-	10	134
Alaska.....	27	-	-	-	-	-	-	-	-	-	-
Hawaii.....	29	-	-	-	-	-	2	-	-	-	-
Puerto Rico.....	3	1	27	-	-	-	6	-	-	-	8

Week No. 25

DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JUNE 25, 1966

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	717	440	25	43
Boston, Mass.	258	152	5	18
Bridgeport, Conn.	37	23	5	2
Cambridge, Mass.	31	20	-	1
Fall River, Mass.	23	17	-	1
Hartford, Conn.	60	36	4	6
Lowell, Mass.	22	17	1	2
Lynn, Mass.	17	12	-	1
New Bedford, Mass.	30	19	-	1
New Haven, Conn.	56	29	-	1
Providence, R. I.	49	28	1	1
Somerville, Mass.	5	4	-	-
Springfield, Mass.	55	32	1	3
Waterbury, Conn.	27	18	1	3
Worcester, Mass.	47	33	7	3
MIDDLE ATLANTIC:	3,011	1,718	98	149
Albany, N. Y.	43	22	-	2
Allentown, Pa.	40	27	2	3
Buffalo, N. Y.	142	86	3	9
Camden, N. J.	33	14	2	3
Elizabeth, N. J.	23	15	1	-
Erie, Pa.	38	23	2	-
Jersey City, N. J.	52	24	2	2
Newark, N. J.	87	45	7	5
New York City, N. Y.	1,499	869	46	67
Paterson, N. J.	32	18	3	2
Philadelphia, Pa.	511	287	10	33
Pittsburgh, Pa.	170	92	2	11
Reading, Pa.	45	34	2	1
Rochester, N. Y.	93	51	6	5
Schenectady, N. Y.	32	16	2	1
Scranton, Pa.	27	12	2	1
Syracuse, N. Y.	59	33	1	1
Trenton, N. J.	35	18	1	1
Utica, N. Y.	14	10	2	-
Yonkers, N. Y.	36	22	2	2
EAST NORTH CENTRAL:	2,584	1,462	80	125
Akron, Ohio	65	38	-	5
Canton, Ohio	32	13	5	-
Chicago, Ill.	766	402	24	27
Cincinnati, Ohio	160	96	5	10
Cleveland, Ohio	198	117	2	7
Columbus, Ohio	116	69	2	9
Dayton, Ohio	74	46	3	6
Detroit, Mich.	339	188	10	13
Evansville, Ind.	36	23	2	1
Flint, Mich.	61	27	6	7
Fort Wayne, Ind.	37	22	3	4
Gary, Ind.	25	8	3	2
Grand Rapids, Mich.	43	33	3	-
Indianapolis, Ind.	161	83	4	14
Madison, Wis.	52	28	-	2
Milwaukee, Wis.	131	89	2	3
Peoria, Ill.	39	28	-	4
Rockford, Ill.	32	19	4	1
South Bend, Ind.	33	23	-	2
Toledo, Ohio	121	79	2	5
Youngstown, Ohio	63	31	-	3
WEST NORTH CENTRAL:	734	467	24	28
Des Moines, Iowa	53	36	2	2
Duluth, Minn.	20	16	-	-
Kansas City, Kans.	20	9	1	1
Kansas City, Mo.	117	74	-	5
Lincoln, Nebr.	23	13	-	1
Minneapolis, Minn.	99	69	3	6
Omaha, Nebr.	71	48	-	1
St. Louis, Mo.	216	122	11	9
St. Paul, Minn.	68	49	3	2
Wichita, Kans.	47	31	4	1
SOUTH ATLANTIC:	1,109	529	30	75
Atlanta, Ga.	166	64	6	7
Baltimore, Md.	190	100	2	11
Charlotte, N. C.	61	25	-	5
Jacksonville, Fla.	72	29	2	4
Miami, Fla.	103	60	1	8
Norfolk, Va.	45	25	3	5
Richmond, Va.	71	31	-	8
Savannah, Ga.	39	10	1	5
St. Petersburg, Fla.	62	53	1	-
Tampa, Fla.	59	32	5	6
Washington, D. C.	205	88	7	13
Wilmington, Del.	36	12	2	3
EAST SOUTH CENTRAL:	564	305	31	29
Birmingham, Ala.	99	58	1	5
Chattanooga, Tenn.	55	30	7	5
Knoxville, Tenn.	30	20	3	-
Louisville, Ky.	104	46	8	4
Memphis, Tenn.	111	57	6	9
Mobile, Ala.	49	24	1	3
Montgomery, Ala.	32	20	-	1
Nashville, Tenn.	84	50	5	2
WEST SOUTH CENTRAL:	1,080	526	30	73
Austin, Tex.	37	15	3	2
Baton Rouge, La.	39	25	1	-
Corpus Christi, Tex.	21	14	-	1
Dallas, Tex.	127	55	5	9
El Paso, Tex.	45	19	2	8
Fort Worth, Tex.	64	32	1	3
Houston, Tex.	208	87	5	16
Little Rock, Ark.	56	37	3	3
New Orleans, La.	189	92	4	15
Oklahoma City, Okla.	88	51	1	4
San Antonio, Tex.	100	53	1	6
Shreveport, La.	58	28	3	3
Tulsa, Okla.	48	18	1	3
MOUNTAIN:	380	221	14	20
Albuquerque, N. Mex.	45	26	4	3
Colorado Springs, Colo.	19	9	2	-
Denver, Colo.	103	70	3	6
Ogden, Utah	12	8	-	1
Phoenix, Ariz.	74	46	5	5
Pueblo, Colo.	26	12	-	-
Salt Lake City, Utah	56	29	-	3
Tucson, Ariz.	45	21	-	2
PACIFIC:	1,624	996	41	62
Berkeley, Calif.	21	15	-	2
Fresno, Calif.	35	18	2	4
Glendale, Calif.	38	29	-	-
Honolulu, Hawaii	49	19	-	7
Long Beach, Calif.	75	48	3	1
Los Angeles, Calif.	561	359	15	15
Oakland, Calif.	87	47	2	6
Pasadena, Calif.	39	25	-	1
Portland, Oreg.	98	64	1	4
Sacramento, Calif.	50	34	1	3
San Diego, Calif.	98	54	4	4
San Francisco, Calif.	180	97	4	6
San Jose, Calif.*	36	23	2	2
Seattle, Wash.	173	105	2	5
Spokane, Wash.	43	28	4	-
Tacoma, Wash.	41	31	1	2
Total	11,803	6,664	373	604

*Estimate - based on average percent of divisional total.

Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	323,554
All Causes, Age 65 and over	186,935
Pneumonia and Influenza, All Ages	14,875
All Causes, Under 1 Year of Age	16,743

SALMONELLOSIS – April 1966

(Continued from page 211)

Table 3

Seven Most Frequently Reported Serotypes from Human Sources – April 1966

Rank	Serotype	Number	Percent	Rank Last Month
1	*S. typhi-murium* and *S. typhi-murium* var. *copenhogen*	347	27.4	1
2	*S. heidelberg*	135	10.6	3
3	*S. infantis*	117	9.2	2
4	*S. newport*	74	5.8	4
5	*S. enteritidis*	63	5.0	5
6	*S. saint-poul*	54	4.3	9
7	*S. blockley*	46	3.6	8
	Total	836	66.0	
Total (all serotypes) 1,266				

during April. Investigations of the source or sources of infection for these cases are in progress, including follow-up of scattered cases in New York City and of a hospital nursery outbreak in Alabama.

Fifty-five serotypes were represented among the 436 isolations of salmonellae from nonhuman sources during April; the seven most frequently reported serotypes accounted for 49.1 percent of the total (Table 4). The most prominent nonhuman sources were among chickens (27.1 percent), turkeys (21.8 percent), animal feeds (20.2 percent) and bovines (7.6 percent). Animal feed has been a prominent nonhuman source during the past 2 months as a result of a special study of salmonellae in livestock conducted in Louisiana.

Table 4

Seven Most Frequently Reported Serotypes from Nonhuman Sources – April 1966

Rank	Serotype	Number	Percent	Rank Last Month
1	*S. typhi-murium* and *S. typhi-murium* var. *copenhogen*	60	13.8	1
2	*S. heidelberg*	57	13.1	2
3	*S. infantis*	28	6.4	7
4	*S. montevideo*	25	5.7	3
5	*S. anatum*	18	4.1	4
6	*S. son-diego*	13	3.0	Not listed
7	*S. senftenberg*	–	–	Not listed
	Total	214	49.1	
Total (all serotypes) 436				

(Reported by the Salmonello Surveillance Unit, Epidemiology Branch, CDC.)

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THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
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ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY

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